SUBMISSION ID:

FACILITY:

LOCATION: COUNTY:

DISTRICT:

48237

American Energy Corp Century Mine

43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716 Belmont

SEDO

STATUS:

Original

PERMIT NUMBER: STATION CODE: MONITORING PERIOD: REPORTING LAB:

0IL00091*GD

002 **2009-03-01** To: **2009-03-31**

Tra-Det Inc. William Thompson

ANALYST: NO DISCHARGE INDICATOR:

PARAMETER	Total Precipitation	Flow Rate	рН	Total Suspende	Iron, Total (Fe)	Manganese, Total	
PARAMÈTER CODE	00045	50050	00400	Solids 00530	01045	(Mn) 01055	
UNITS	24258390	4108	6653	4106	4107	4107	
FREQUENCY	1/Day	1/Day	1/2 Weeks	1 / 2 Weeks	1 / 2 Weeks	1 / 2 Weeks	
SAMPLING TYPE	Total	Total Estimate	Grab	Grab	Grab	Grab	
2009-03-01	0.00	AN	ļ				
2009-03-02	0.00	0.01				<u> </u>	
2009-03-03	0.00	0.005	8.6	6	400	60	<u> </u>
2009-03-04	0.00	0.01					
2009-03-05	0.00	0.014					<u>, , , , , , , , , , , , , , , , , , , </u>
2009-03-06	0.00	0.017	1	ļ			
2009-03-07	0.00	AN		<u> </u>			
2009-03-08	0.00	AN					
2009-03-09	0.10	0.001		<u> </u>			
2009-03-10	0.00	0.001					
2009-03-11	0.00	0.001		<u> </u>			
2009-03-12	0.00	0		<u> </u>			
2009-03-13	0.00	0.001					
2009-03-14	0.00	AN					
2009-03-15	0.00	AN				<u> </u>	
2009-03-16	0.00	0.001]			
2009-03-17	0.00	0.001					
2009-03-18	0.00	0.001					
2009-03-19	0.00	0.065	8.3	20	1600	90	
2009-03-20	0.00	0.02				<u> </u>	
2009-03-21	0.00	AN					
2009-03-22	0.00	AN					
2009-03-23	0.00	0.001					
2009-03-24	0.00	0.057					
2009-03-25	0.50	0.001					
2009-03-26	0.44	0.041					
2009-03-27	0.40	0					
2009-03-28	0.00	AN					
2009-03-29	0.00	AN					
2009-03-30	0.00	0.001					
2009-03-31	0.00	0.001					
Minimum	0.0	0.0	8.3	6.0	400.0	60.0	
Maximum	0.5	0.065	8.6	20.0	1600.0	90.0	
Average	0.04645	0.01136	2	13	1000	75	
Count Name of Responsible Official	31	22		2	Signature of Responsible		Submission
or Authorized Representati	with the information individuals immediat submitted informatio	nalty of law that I have submitted herein and ba ely responsible for obta n is true, accurate and c for submitting false info nt.	sed on my inquiry of the ining the information, I omplete. I am aware the	believe the at there are	Represe	entative	Date/Time 2009-04-19

Page 1

Ohio $\mathbb{EPA}\,$ - Daily Discharge Monitoring Report - Form 4500

FACILITY:

LOCATION:

COUNTY:

DISTRICT:

48237

American Energy Corp Century Mine 43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716

SEDO

STATUS:

Original

PERMIT NUMBER:

STATION CODE: MONITORING PERIOD: REPORTING LAB:

OILOOO91*GD008 **2009-03-01** To: **2009-03-31**

Tra-Det Inc.

William Thompson

PARAMETER	Total Precipitation	Flow Rate	Conductivity	pН	Residue, Total Dissolved	Total Suspended Solids	Iron, Total (Fe)	
PARAMETER CODE	00045	50050	00094	00400		00530	01045	
UNITS	24258390	4108	24258362	6653	4106	4106	4107	
FREQUENCY SAMPLING TYPE	1/Day	1/Day	1 / 2 Weeks	1/2 We		1/2 Weeks	1/2 Weeks	
2009-03-01	Total	Total Estimate AN	Grab	Grab	Grab	Grab	Grab	
2009-03-02	0.00	0.06				<u> </u>		
2009-03-03	0.00	0.066	8760	8.7	6800	40	300	
2009-03-04	0.00	0.086	8700	6.7	0800	1 +0	300	
2009-03-05	0.00	0.088	<u> </u>	<u> </u> 				
2009-03-06	0.00	0.08						
2009-03-07	0.00	AN						
2009-03-08	0.00	AN		 		<u> </u>		
			l			<u> </u>		
2009-03-09	0.10	0.14	<u> </u>			<u> </u>		
2009-03-10	0.00	0.136						
2009-03-11	0.00	0.142		ļ				
2009-03-12	0.00	0.112				<u> </u>		
2009-03-13	0.00	0.108						
2009-03-14	0.00	AN						
2009-03-15	0.00	AN						
2009-03-16	0.00	0.093		<u> </u>				
2009-03-17	0.00	0.096						
2009-03-18	0.00	0.093						
2009-03-19	0.00	0.126	9340	8.4	7200	13	200	
2009-03-20	0.00	0.144						
2009-03-21	0.00	AN						
2009-03-22	0.00	AN						
2009-03-23	0.00	0.086						
2009-03-24	0.00	0.072						
2009-03-25	0.50	0.088						
2009-03-26	0.44	0.432						
2009-03-27	0.40	0.175						
2009-03-28	0.00	AN						
2009-03-29	0.00	AN						
2009-03-30	0.00	0.144					•	
2009-03-31	0.00	0.072						
Minimum	0.0	0.06	8760.0	8.4	6800.0	13.0	200.0	
Maximum	0.5	0.432	9340.0	8.7	7200.0	40.0	300.0	
Average Count	0.04645	0.11995 22	9050	2	7000	26.5	250 2	
Name of Responsible Officia or Authorized Representativ	I certify under the pen with the information s individuals immediate submitted information	alty of law that I have pubmitted herein and bally responsible for obtains true, accurate and co	personally examined and sed on my inquiry of the ning the information, I l complete. I am aware that	am familiar ose pelieve the there are	Signature of Responsib	le Official or Authorized sentative		
	fine and imprisonmen		rmation, including the p	ossibility of	Page 2			

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

STATUS:

SUBMISSION ID:

FACILITY:

LOCATION:

DISTRICT:

48237

SEDO

American Energy Corp Century Mine 43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716 Belmont

Original

PERMIT NUMBER: 0IL00091*GD

COUNTY:

STATION CODE: MONITORING PERIOD: REPORTING LAB:

008 **2009-03-01** To: **2009-03-31** Tra-Det Inc. William Thompson

PARAMETER	Manganese, Total							
<u> </u>	(Mn)							
PARAMETER CODE UNITS	01055 4107							
FREQUENCY	1 / 2 Weeks			ļ				
SAMPLING TYPE	Grab							
2009-03-01								
2009-03-02				ļ				\
2009-03-03	950							
2009-03-04				ļ				
2009-03-05			·					
2009-03-06								
2009-03-07]			
2009-03-08								
2009-03-09								
2009-03-10								
2009-03-11								
2009-03-12								
2009-03-13								
2009-03-14								
2009-03-15								
2009-03-16								
2009-03-17								
2009-03-18								
2009-03-19	490							
2009-03-20							·	
2009-03-21						*		
2009-03-22								
2009-03-23								
2009-03-24								
2009-03-25								
2009-03-26								
2009-03-27								
2009-03-28								
2009-03-29								
2009-03-30								
2009-03-31						,		
Minimum	490.0							
Maximum	950.0							
Average	720							
Count Name of Responsible Officia	2 1 transitu undar the nor	nalty of law that I have p	organilly or aminod 4	lom formition T	Sic	nature of Resnonsible	Official or Authorized	Submission
or Authorized Representative	with the information individuals immediate submitted information significant penalties f	submitted herein and bas ely responsible for obtain n is true, accurate and co or submitting false infor	ed on my inquiry of the ning the information, I t mplete. I am aware that	se believe the there are		Represe	ntative	Date/Time 2009-04-19
	fine and imprisonmer	nt.					Page 3	

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

FACILITY:

LOCATION: COUNTY: DISTRICT:

48237

SEDO

American Energy Corp Century Mine 43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716 Belmont

STATUS:

Original 0IL00091*GD

PERMIT NUMBER: STATION CODE: MONITORING PERIOD: REPORTING LAB:

011 <u>2009-03-01</u> To: <u>2009-03-31</u> Tra-Det Inc.

William Thompson

ANALYST:

			NO DISCHARGE	E INDICATOR:			
PARAMETER	Total Precipitation	Flow Rate	pH	Iron, Total (Fe	e) Manganese, Total (Mn)		
PARAMETER CODE	00045	50050	00400	01045	01055		
UNITS	24258390	4108	6653	4107	4107		
FREQUENCY SAMPLING TYPE	1/Day Total	1/Day Total Estimate	I / 2 Weeks Grab	1 / 2 Weeks Grab	1 / 2 Weeks Grab		
2009-03-01	0.00	AN	Giab	Grab	Grab		
2009-03-02	0.00	0.08		<u> </u>			
2009-03-03	0.00	0.086	8.5	300	150		
2009-03-04	0.00	0.079					
2009-03-05	0.00	0.074					-
2009-03-06	0.00	0.1					
2009-03-07	0.00	AN					
2009-03-08	0.00	AN					
2009-03-09	0.10	0.15					
2009-03-10	0.00	0.142	<u> </u>				
2009-03-11	0.00	0.148					
2009-03-12	0.00	0.15					
2009-03-13	0.00	0.165					
2009-03-14	0.00	AN					
2009-03-15	0.00	AN					
2009-03-16	0.00	0.17					
2009-03-17	0.00	0.155					
2009-03-18	0.00	0.14		<u></u>			
2009-03-19	0.00	0.138	8.6	300	120		
2009-03-20	0.00	0.129					
2009-03-21	0.00	AN					
2009-03-22	0.00	AN					
2009-03-23	0.00	0.19					
2009-03-24	0.00	0.15					
2009-03-25	0.50	0.177					<i></i>
2009-03-26	0.44	0.179	<u> </u>				-
2009-03-27	0.40	0.166					P
2009-03-28	0.00	AN	ļ	<u> </u>			
2009-03-29	0.00	AN					
2009-03-30	0.00	0.125	<u> </u>				-
2009-03-31	0.00	0.165	0.5	200.0	120.0		
Minimum Maximum	0.0	0.074	8.5 8.6	300.0	120.0 150.0		
Average	0.04645	0.139		300	135		
Count	31	22	2	2	2		
Name of Responsible Officia or Authorized Representative Dennis Dubiel	with the information a individuals immediate submitted information	nalty of law that I have p submitted herein and ba ely responsible for obtain is true, accurate and co	sed on my inquiry of the ining the information, lomplete. I am aware the	hose I believe the at there are	Signature of Responsible Represed	Official or Authorized ntative	Submission Date/Time
	significant penalties f fine and imprisonmen	or submitting false info	rmation, including the	possibility of		Page 4	

Page 4

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

FACILITY:

LOCATION: COUNTY: DISTRICT:

48237

SEDO

American Energy Corp Century Mine 43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716 Belmont

STATUS: PERMIT NUMBER: Original

STATION CODE: MONITORING PERIOD: REPORTING LAB:

0IL00091*GD

012 **2009-03-01** To: **2009-03-31**

ANALYST:

NO DISCHARGE INDICATOR: AL

PARAMETER	Total Precipitation	Flow Rate	Conductivity	pН	· · · · · · · · · · · · · · · · · · ·	Residue, Total Dissolved	Total Suspended Solids	Iron, T	otal (Fe)
PARAMETER CODE	00045	50050	00094	0040	0	00515	00530	01	045
UNITS	24258390	4108	24258362	6653		4106	4106		07
FREQUENCY SAMPLING TYPE	1/Day	1/Day Total Estimate	1 / 2 Weeks	1/2 We		1 / 2 Weeks	1 / 2 Weeks		Weeks
2009-03-01	Total	Total Estimate	Grab	Grat)	Grab	Grab	<u> </u>	rab
2009-03-02			<u> </u>	<u> </u>					
2009-03-03			<u> </u>	<u> </u>				L	
2009-03-04									
2009-03-05			<u></u>	 					
2009-03-06									
2009-03-07			1						
2009-03-08									
2009-03-09	(1	<u> </u>					
2009-03-10									
2009-03-11									
2009-03-12			<u> </u>						
2009-03-13	Î								
2009-03-14			<u> </u>	İ					
2009-03-15									
2009-03-16			ĺ	ĺ					
2009-03-17			<u> </u>						
2009-03-18									
2009-03-19									
2009-03-20									
2009-03-21									
2009-03-22									
2009-03-23									
2009-03-24									
2009-03-25									
2009-03-26									
2009-03-27	<u> </u>								
2009-03-28				ļ					
2009-03-29			<u> </u>	ļ					
2009-03-30	ļ			<u> </u>					
2009-03-31		To Shiph Variable to 18	77						
Minimum				<u> </u>					
Maximum			<u> </u>			<u> </u>			
Average Count	 		<u> </u>	\ 					
Name of Responsible Officia or Authorized Representativ	al I certify under the per	alty of law that I have	personally examined an	d am familiar	Si		Official or Authorized		Submission
Dennis Dubiel	individuals immediate submitted information	submitted herein and ba ely responsible for obta a is true, accurate and c or submitting false info	used on my inquiry of the ining the information, I omplete. I am aware tha rimation, including the p	ose believe the t there are		Represe	Page 5		Date/Time 2009-04-19

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

48237

FACILITY: LOCATION:

COUNTY: DISTRICT:

American Energy Corp Century Mine 43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716 Belmont

SEDO

STATUS:

Original

PERMIT NUMBER:

STATION CODE: MONITORING PERIOD: REPORTING LAB:

0IL00091*GD

2009-03-01 To: 2009-03-31

PARAMETER	Manganese, Total								
PARAMETER CODE	(Mn) 01055								
UNITS	4107							<u> </u>	
FREQUENCY	1 / 2 Weeks	ļ							
SAMPLING TYPE	Grab								
2009-03-01	<u></u>	ļ							
2009-03-02	<u></u>								
2009-03-03									
2009-03-04									
2009-03-05									
2009-03-06	<u></u>								
2009-03-07									
2009-03-08									
2009-03-09									
2009-03-10									
2009-03-11									
2009-03-12									
2009-03-13									
2009-03-14									
2009-03-15					-				
2009-03-16		ĺ							
2009-03-17									
2009-03-18									
2009-03-19									
2009-03-20									
2009-03-21									
2009-03-22									
2009-03-23									
2009-03-24									
2009-03-25									
2009-03-26									
2009-03-27									
2009-03-28									
2009-03-29									-
2009-03-30	,								
2009-03-31									
Minimum				Ì	349	1			
Maximum									
Average		ļ							
Count	<u> </u>	<u> </u>	<u> </u>	<u> </u>					<u> </u>
Name of Responsible Official or Authorized Representative	e with the information	nalty of law that I have p submitted herein and bas	sed on my inquiry of the	se	Si	gnature of Responsible Represe	Official or Authorized ntative	1	Submission Date/Time
Dennis Dubiel	submitted informatio	ely responsible for obtain in is true, accurate and co for submitting false infor int.	implete. I am aware that	there are		·			2009-04-19
Page 6									

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

FACILITY:

LOCATION: COUNTY:

48237

American Energy Corp Century Mine 43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716 Belmont

DISTRICT: SEDO STATUS:

Original

PERMIT NUMBER:

STATION CODE: MONITORING PERIOD: REPORTING LAB:

OILOOO91*GD

013 <u>2009-03-01</u> To: <u>2009-03-31</u> Tra-Det Inc.

William Thompson

PARAMETER CODE UNITS FREQUENCY SAMPLING TYPE 2009-03-01 2009-03-02 2009-03-04 2009-03-05 2009-03-06 2009-03-06 2009-03-07 2009-03-08 2009-03-10 2009-03-11 2009-03-12 2009-03-13 2009-03-14	00045 24258390 1/Day Total 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	50050 4108 1/Day Total Estimate AN 0 0 0 0 AN AN AN 0 0.001	00094 24258362 1 / 2 Weeks Grab	00400 6653 1/2 Weeks Grab	Dissolved 00515 4106 1/2 Weeks Grab	Solids 00530 4106 1 / 2 Weeks Grab	01045 4107 1/2 Weeks Grab
FREQUENCY SAMPLING TYPE 2009-03-01 2009-03-02 2009-03-03 2009-03-04 2009-03-05 2009-03-06 2009-03-07 2009-03-08 2009-03-10 2009-03-11 2009-03-12 2009-03-13	1/Day Total 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	I/Day Total Estimate AN 0 0 0 0 AN AN AN 0	1 / 2 Weeks	1/2 Weeks	1 / 2 Weeks	1 / 2 Weeks	1/2 Weeks
\$AMPLING TYPE 2009-03-01 2009-03-02 2009-03-03 2009-03-04 2009-03-05 2009-03-06 2009-03-07 2009-03-09 2009-03-10 2009-03-11 2009-03-12 2009-03-13	Total 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Total Estimate AN 0 0 0 0 0 AN AN AN AN 0		·			
2009-03-01 2009-03-02 2009-03-03 2009-03-04 2009-03-05 2009-03-06 2009-03-07 2009-03-08 2009-03-09 2009-03-10 2009-03-11 2009-03-12 2009-03-13	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	AN 0 0 0 0 0 0 AN AN 0 0	Crab	Grad	Grad		Grad
2009-03-02 2009-03-03 2009-03-04 2009-03-05 2009-03-06 2009-03-07 2009-03-08 2009-03-09 2009-03-10 2009-03-11 2009-03-12 2009-03-13	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.10 0.00 0.00 0.00 0.00	0 0 0 0 0 0 AN AN					
2009-03-04 2009-03-05 2009-03-06 2009-03-07 2009-03-08 2009-03-09 2009-03-10 2009-03-11 2009-03-12 2009-03-13	0.00 0.00 0.00 0.00 0.00 0.10 0.00 0.00	0 0 0 AN AN 0					
2009-03-05 2009-03-06 2009-03-07 2009-03-08 2009-03-09 2009-03-10 2009-03-11 2009-03-12 2009-03-13	0.00 0.00 0.00 0.00 0.10 0.00 0.00 0.00	0 0 AN AN 0					
2009-03-06 2009-03-07 2009-03-08 2009-03-09 2009-03-10 2009-03-11 2009-03-12 2009-03-13	0.00 0.00 0.10 0.00 0.00 0.00	0 AN AN 0					
2009-03-07 2009-03-08 2009-03-09 2009-03-10 2009-03-11 2009-03-12 2009-03-13	0.00 0.00 0.10 0.00 0.00 0.00	AN AN 0					
2009-03-08 2009-03-09 2009-03-10 2009-03-11 2009-03-12 2009-03-13	0.00 0.10 0.00 0.00 0.00	AN 0					
2009-03-09 2009-03-10 2009-03-11 2009-03-12 2009-03-13	0.10 0.00 0.00 0.00	0				i I	
2009-03-10 2009-03-11 2009-03-12 2009-03-13	0.00 0.00 0.00						
2009-03-11 2009-03-12 2009-03-13	0.00	0.001					
2009-03-12 2009-03-13	0.00		8100	7.7	6300	AA 10	AA 1000
2009-03-13		0.001					
	0.00	0.001					
2009-03-14	0.00	0.001					
	0.00	AN					
2009-03-15	0.00	AN					
2009-03-16	0.00	0.001					
2009-03-17	0.00	0.001					
2009-03-18	0.00	0.001					
2009-03-19	0.00	0.001	8190	7.7	6300	10	800
2009-03-20	0.00	0.001					
2009-03-21	0.00	AN					
2009-03-22	0.00	AN					
2009-03-23	0.00	0.001		J			
2009-03-24	0.00	0.001					
2009-03-25	0.50	0.001					
2009-03-26	0.44	0.001					
2009-03-27	0.40	0.001					
2009-03-28	0.00	AN					
2009-03-29	0.00	AN		ļ			
2009-03-30	0.00	0.001					
2009-03-31	0.00	0.001					
Minimum	0.0	0.0	8100.0	7.7	6300.0	0.0	0.0
Maximum	0.5	0.0010	8190.0	7.7	6300.0	10.0	800.0
Average Count	0.04645 31	0.00073 22	8145 2	2	6300	5 2	400
N			<u> </u>	"	Signature of Responsible	(Submission
or Authorized Representative with indicate sub-	with the information s adividuals immediate abmitted information	ubmitted herein and ba ly responsible for obtai	personally examined and sed on my inquiry of the ning the information, I complete. I am aware that	ose believe the	Represe		Date/Time 2009-04-19

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

FACILITY:

LOCATION:

48237

American Energy Corp Century Mine 43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716 Belmont

COUNTY: DISTRICT: SEDO STATUS: Original

PERMIT NUMBER: 0IL00091*GD

STATION CODE: MONITORING PERIOD: REPORTING LAB: 013 **2009-03-01** To: **2009-03-31** Tra-Det Inc. William Thompson

			NO DISCHARGE	·	-		
PARAMETER	Manganese, Total (Mn)			ķ			
PARAMETER CODE	01055			i .			
UNITS	4107						
FREQUENCY	1 / 2 Weeks	ļ				\	
SAMPLING TYPE	Grab			l			
2009-03-01	<u> </u>	<u> </u>					
2009-03-02	ļ						
2009-03-03	<u> </u>						
2009-03-04	ļ						
2009-03-05	<u> </u>						
2009-03-06	ļ	ļ					
2009-03-07	<u> </u>			ļ			
2009-03-08							
2009-03-09	<u> </u>						
2009-03-10	710						
2009-03-11	<u> </u>						
2009-03-12	<u> </u>						
2009-03-13	<u> </u>						
2009-03-14							
2009-03-15							
2009-03-16							
2009-03-17							
2009-03-18							
2009-03-19	720						·
2009-03-20							
2009-03-21							
2009-03-22							
2009-03-23							
2009-03-24							
2009-03-25						i i	-
2009-03-26							
2009-03-27					Ì		
2009-03-28	Ì						
2009-03-29							
2009-03-30	Ì			ĺ			
2009-03-31	Ì						·
Minimum	710.0	74 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	10 AL			Ť Ť	
Maximum	720.0	ĺ					
Average	715	ļ					
Count	2	<u> </u>	t	<u></u>			
Name of Responsible Officia or Authorized Representation	I certify under the per	nalty of law that I have p submitted herein and ba	personally examined and	l am familiar	Signature of Respon Rep	sible Official or Authorized resentative	Submission Date/Tin
Dennis Dubiel	individuals immediat submitted informatio	ely responsible for obtai n is true, accurate and co for submitting false info	ning the information, I lomplete. I am aware that	nelieve the there are			2009-04-
						Page 8	

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

STATUS:

SUBMISSION ID:

48237

FACILITY: American Energy Corp Century Mine LOCATION:

43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716

PERMIT NUMBER: STATION CODE:

Original OIL 00091*GD

014

MONITORING PERIOD: REPORTING LAB: 2009-03-01 To: 2009-03-31

COUNTY:

DISTRICT:

SEDO

PARAMETER	Total Precipitation	Flow Rate	pH	Total Susp Solids		Iron, Total (Fe)	Manganese, Total (Mn)	Con	ductivity
PARAMETER CODE	00045	50050	00400	00530		01045	01055	0	0094
UNITS	24258390	4108	6653	4106		4107	4107		258362
FREQUENCY SAMPLING TYPE	I/Day Total	1/Day Total Estimate	1/Week Grab	1/Wee		1/Week	1/Week		Weeks
2009-03-01	Total	Total Estimate	Grao	Grab		Grab	Grab		Grab
2009-03-02									
2009-03-03									
2009-03-04	<u></u>								
2009-03-05	<u></u>]						
2009-03-06									
2009-03-07									
2009-03-08									
2009-03-09		· · · · · · · · · · · · · · · · · · ·							
2009-03-10				<u></u>					
2009-03-11									
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2009-03-29									
2009-03-30									
2009-03-31									
Minimum	<u> </u>								
Maximum	ļ		ļ						
Average Count									
Name of Responsible Officia	I I namify we describe	alty of law that I have	personally examined and	l for::::: 1	Si	gnature of Responsible	Official or Authorized		Submission
or Authorized Representativ	with the information s individuals immediate submitted information	ubmitted herein and ba ly responsible for obtain is true, accurate and co	sed on my inquiry of the ning the information, I to complete. I am aware that rmation, including the po	ose believe the there are		Represe			Date/Time 2009-04-19
	fine and imprisonment			,			Page 9		

SUBMISSION ID:

48237

Original

American Energy Corp Century Mine 43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716

PERMIT NUMBER: STATION CODE:

OIL00091*GD

LOCATION: COUNTY: DISTRICT:

FACILITY:

Belmont SEDO

MONITORING PERIOD: REPORTING LAB:

STATUS:

ANALYST:

014 **2009-03-01** To: **2009-03-31**

NO DISCHARGE INDICATOR: AL

PARAMETER	Residue, Total Dissolved						
PARAMETER CODE	00515	<u> </u>		ļ		<u> </u>	
UNITS	4106	1					
FREQUENCY	1/2 Weeks					}	
SAMPLING TYPE	Grab			ĺ		<u> </u>	
2009-03-01							
2009-03-02							
2009-03-03							
2009-03-04							
2009-03-05							
2009-03-06							· · · · · · · · · · · · · · · · · · ·
2009-03-07						·	
2009-03-08							
2009-03-09							
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2009-03-26							
2009-03-27							
2009-03-28							
2009-03-29							
2009-03-30							
2009-03-31							
Minimum							
Maximum							
Average							
Count			L	L			
Name of Responsible Official		nalty of law that I have p			Signature of Responsible		
or Authorized Representative	individuals immediat submitted information	submitted herein and bas ely responsible for obtain n is true, accurate and co for submitting false infor nt.	ning the information, I bomplete. I am aware that	elieve the there are	Represe	пынче	2009-04-19
						Page 10	

SUBMISSION ID:

FACILITY:

LOCATION:

48237

American Energy Corp Century Mine 43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716

COUNTY: Belmont DISTRICT: SEDO

STATUS:

Original

PERMIT NUMBER: STATION CODE:

0IL00091*GD

MONITORING PERIOD: REPORTING LAB:

015 <u>2009-03-01</u> To: <u>2009-03-31</u> Tra-Det Inc. William Thompson

PARAMETER	Total Precipitation	Flow Rate	Conductivity	pH	Residue, Total Dissolved	Total Suspended Solids	Iron, Total (Fe)
PARAMETER CODE	00045	50050	00094	00400	00515	00530	01045
UNITS	24258390	4108	24258362	6653	4106	4106	4107
FREQUENCY SAMPLING TYPE	1/Day Total	1/Day Total Estimate	1 / 2 Weeks	1 / 2 Weel		1 / 2 Weeks	1/2 Weeks
2009-03-01	0.00	AN AN	Grab	Grab	Grab	Grab	Grab
2009-03-02	0.00	0.004					
2009-03-03	0.00	0.004	10500	8.4	8600	15	1600
2009-03-04	0.00 -	0.004					
2009-03-05	0.00	0.005		<u> </u>			
2009-03-06	0.00	0.004					
2009-03-07	0.00	AN					
2009-03-08	0.00	AN					
2009-03-09	0.10	0.003					
2009-03-10	0.00	0.001					
2009-03-11	0.00	0.013					
2009-03-12	0.00	0.002					
2009-03-13	0.00	0.004					
2009-03-14	0.00	AN					
2009-03-15	0.00	AN					
2009-03-16	0.00	0.003					
2009-03-17	0.00	0.003					
2009-03-18	0.00	0.002					
2009-03-19	0.00	0.005	11200	8.4	9100	12	200
2009-03-20	0.00	0.004					-
2009-03-21	0.00	AN					
2009-03-22	0.00	AN					
2009-03-23	0.00	0.004					
2009-03-24	0.00	0.004					
2009-03-25	0.50	0.004					
2009-03-26	0.44	0.005					
2009-03-27	0.40	0.003					
2009-03-28	0.00	AN					
2009-03-29	0.00	AN					
2009-03-30	0.00	0.004					
2009-03-31	0.00	0.003					
Minimum	0.0	0.0010	10500.0	8.4	8600.0	12.0	200.0
Maximum Average	0.5	0.013 0.004	11200.0 10850	8.4	9100.0 8850	15.0	1600.0 900
Count	31	22	2	2	8850	2	900
me of Responsible Officia	* T	alty of law that I have pe		<u> </u>	Signature of Responsible		Submiss
Authorized Representativ	with the information si individuals immediate submitted information	ubmitted herein and base ly responsible for obtain is true, accurate and con or submitting false inform	ed on my inquiry of the ing the information, I t uplete. I am aware that	believe the there are	Represei		Date/Ti

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

FACILITY:

LOCATION:

COUNTY:

DISTRICT:

48237

American Energy Corp Century Mine

43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716

SEDO

STATUS:

Original 0IL00091*GD

PERMIT NUMBER: STATION CODE: MONITORING PERIOD:

REPORTING LAB:

015 <u>2009-03-01</u> To: <u>2009-03-31</u> Tra-Det Inc.

William Thompson

PARAMETER CODE UNITS FREQUENCY SAMPLING TYPE 2009-03-01	(Mn) 01055 4107 1 / 2 Weeks Grab			IL	<u> </u>		<u> </u>	
UNITS FREQUENCY SAMPLING TYPE	4107 1 / 2 Weeks						!	
SAMPLING TYPE							/L	
	Grah							
2009-03-01						ļ		
					<u> </u>			
2009-03-02							<u></u>	
2009-03-03	2700				<u> </u>			
2009-03-04								
2009-03-05						<u> </u>		
2009-03-06								
2009-03-07					<u></u>			
2009-03-08	·······							
2009-03-09								
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2009-03-11	•							
2009-03-12								
2009-03-13								
2009-03-14								
2009-03-15								
2009-03-16								
2009-03-17								
2009-03-18								
2009-03-19	720							
2009-03-20								
2009-03-21								
2009-03-22	•							
2009-03-23								
2009-03-24								
2009-03-25								
2009-03-26								-
2009-03-27								
2009-03-28								
2009-03-29								
2009-03-30								
2009-03-31								
Minimum	720.0	<u> </u>						
Maximum	2700.0							
Average Count	1710 2				<u> </u>			
Name of Responsible Official	Lagrify under the nor	nalty of law that I have p	arconally avaminad	am familiar Si	gnature of Responsible	Official or Authorized	i T	Submission
or Authorized Representative	with the information : individuals immediate	narry of faw that I have p submitted herein and bas ely responsible for obtain n is true, accurate and co	sed on my inquiry of the ning the information, I b	se clieve the	Represe		-	Date/Time
		or submitting false infor				Page 12		2009-04-19

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

FACILITY:

LOCATION:

COUNTY:

DISTRICT:

48237

SEDO

American Energy Corp Century Mine 43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716

STATUS:

Original OILOOO91*GD

PERMIT NUMBER: STATION CODE:

MONITORING PERIOD: REPORTING LAB:

016 **2009-03-01** To: **2009-03-31**

PARAMETER	Total Precipitation	Flow Rate	Conductivity	pН		Residue, Total Dissolved	Total Suspended Solids	Iron,	Total (Fe)
PARAMETER CODE	00045	50050	00094	0040	0	00515	00530		01045
UNITS	24258390	4108	24258362	6653		4106	4106		4107
FREQUENCY SAMPLING TYPE	1/Day Total	1/Day Total Estimate	1 / 2 Weeks	1/2 W		1 / 2 Weeks	1 / 2 Weeks		2 Weeks
2009-03-01	i i otai	10tal Estimate	Grab	Grat	<u> </u>	Grab	Grab		Grab
2009-03-01				<u> </u>					
2009-03-03	 		<u> </u>	1					
2009-03-04			ļ	<u> </u>				<u> </u>	
2009-03-05				1					
2009-03-06									
2009-03-07				1	· · · · · · · · · · · · · · · · · · ·				
2009-03-08					-				
2009-03-09									
2009-03-10				1					
2009-03-11			1						
2009-03-12				1					
2009-03-13				1					
2009-03-14									
2009-03-15									
2009-03-16									
2009-03-17									
2009-03-18									
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2009-03-24									
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2009-03-26									
2009-03-27									
2009-03-28									
2009-03-29			<u> </u>						
2009-03-30									
2009-03-31		,							
Minimum				ļ					
Maximum				ļ					
Average Count				<u> </u>					
Name of Responsible Officia	I certify under the nen	alty of law that I have	personally examined and	l am familiar	Si	gnature of Responsible	Official or Authorized		Submission
or Authorized Representativ	with the information s individuals immediate submitted information significant penalties for	ubmitted herein and ba ly responsible for obta is true, accurate and c or submitting false info	ised on my inquiry of the ining the information, I loomplete. I am aware that rmation, including the p	ose believe the t there are		Represe	ntative		Date/Time 2009-04-19
	fine and imprisonment	l					Page 13	<u></u>]	

SUBMISSION ID:

48237

SEDO

FACILITY: LOCATION: American Energy Corp Century Mine 43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716

COUNTY: DISTRICT: STATUS:

Original

PERMIT NUMBER:

STATION CODE: MONITORING PERIOD: REPORTING LAB: 0IL00091*GD 016

2009-03-01 To: 2009-03-31

PARAMETER	Manganese, Total			1			<u> </u>		
	(Mn)			<u> </u>		<u> </u>	<u> </u>		
PARAMETER CODE UNITS	01055 4107						ļ		
FREQUENCY	1 / 2 Weeks								
SAMPLING TYPE	Grab								`
2009-03-01								<u> </u>	
2009-03-02									
2009-03-03									
2009-03-04				<u> </u>					
2009-03-05									
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2009-03-23									
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2009-03-26									····
2009-03-27									
2009-03-28									
2009-03-29					-				
2009-03-30									
2009-03-31									
Minimum									
Maximum									
Average Count									
Name of Responsible Officia or Authorized Representativ	I certify under the per	nalty of law that I have p	personally examined and	am familiar	Si	gnature of Responsible	Official or Authorized		Submission
Dennis Dubiel	individuals immediate submitted information	submitted herein and basely responsible for obtain is true, accurate and cofor submitting false inforti.	ning the information, I b emplete. I am aware that	elieve the there are		Represe			2009-04-19
	Page 14								

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

FACILITY:

COUNTY:

DISTRICT:

LOCATION:

48237

American Energy Corp Century Mine

43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716

SEDO

STATUS:

Original

PERMIT NUMBER:

STATION CODE: MONITORING PERIOD: REPORTING LAB:

0IL00091*GD 017 **2009-03-01** To: **2009-03-31**

Tra-Det Inc. William Thompson

PARAMETER	Flow Rate	Color, Severity	Odor, Severity	Turbidity, Severity	Water Temperature	Dissolved Oxygen	pН
PARAMETER CODE	00056	00083	01330	01350	00010	00300	00400
UNITS	4109	4105	4105	4105	4102	4106	6653
FREQUENCY SAMPLING TYPE	1/Day Total Estimate	1/Day Estimate	1/Day	1/Day	1/Week	1/2 Weeks	1 / 2 Weeks
2009-03-01	AN	AN	Estimate AN	Estimate AN	Grab	Grab	Grab
		\		\			
2009-03-02	4000	0	0	0]		
2009-03-03	2000	0	0	0			
2009-03-04	1000	0	0	0	8	12	7.8
2009-03-05	5000	0	0	0			
2009-03-06	7000	0	0	0			
2009-03-07	AN	AN	AN	AN			
2009-03-08	AN	AN	AN	AN			
2009-03-09	6000	0	0	0			
2009-03-10	4000	0	0	0			
2009-03-11	7000	0	0	0	7		
2009-03-12	8000	0	0	0			
2009-03-13	8000	0	0	0			
2009-03-14	AN	AN	AN	AN			
2009-03-15	AN	AN	AN	1			
2009-03-16	4000	1		AN		<u> </u>	
		0	0	0			
2009-03-17	2000	0	0	0	<u> </u>		
2009-03-18	5000	0	0	0	10	12	7.8
2009-03-19	7000	0	0	0			
2009-03-20	6000	0	0	0			
2009-03-21	AN	AN	AN	AN			
2009-03-22	AN	AN	AN	AN			
2009-03-23	4000	0	0	0	12		
2009-03-24	4000	0	0	0			···
2009-03-25	3000	0	0	0			
2009-03-26	6000	0	0	0			
2009-03-27	5000	0	0	0			
2009-03-28	AN	AN	AN .	AN			<u> </u>
2009-03-29	· AN	AN	AN	AN			
2009-03-30	9000	0	0	0	15		
2009-03-31	2000	0	0	0			
Minimum	1000.0	0.0	0.0	0.0	7.0	12.0	7.8
Maximum	9000.0	0.0	0.0	0.0	15.0	12.0	7.8
Average	4954.54545	0	0	0	10.4	12	
Count	22	22	22	22	5	2	2
lame of Responsible Official r Authorized Representative Dennis Dubiel	with the information individuals immediat submitted information	nalty of law that I have p submitted herein and ba- ely responsible for obtai n is true, accurate and ec for submitting false infor	sed on my inquiry of th ning the information, I omplete. I am aware tha	ose believe the t there are	ignature of Responsible Represer		Submissi Date/Tin 2009-04-

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

48237

SEDO

STATUS:

Original

FACILITY: LOCATION: American Energy Corp Century Mine 43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716

PERMIT NUMBER:

OILOOO91*GD

COUNTY: DISTRICT:

fine and imprisonment.

STATION CODE: MONITORING PERIOD: REPORTING LAB:

017 <u>2009-03-01</u> To: <u>2009-03-31</u> Tra-Det Inc. William Thompson

ANALYST: NO DISCHARGE INDICATOR:

PARAMETER	Total Suspended	Nitrogen, Ammonia	CBOD 5 day						
PARAMETER CODE	Solids 00530	(NH3) 00610					<u> </u>	<u> </u>	
UNITS	4106	4106	80082 4106				<u> </u>	 	
FREQUENCY	1 / 2 Weeks	1 / 2 Weeks	1 / 2 Weeks	1				<u> </u>	
SAMPLING TYPE	Grab	Grab	Grab						
2009-03-01									
2009-03-02									
2009-03-03									
2009-03-04	AA 4.0	0.36	AA 5.0						
2009-03-05									
2009-03-06									
2009-03-07]								
2009-03-08	ļ								
2009-03-09									
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2009-03-14									
2009-03-15									
2009-03-16									
2009-03-17									
2009-03-18	AA 10	AA 0.35	AA 5.0						
2009-03-19									
2009-03-20									
2009-03-21									
2009-03-22									
2009-03-23									
2009-03-24									
2009-03-25									
2009-03-26									
2009-03-27									
2009-03-28									
2009-03-29									
2009-03-30						<u> </u>			
2009-03-31									
Minimum	0.0	0.0	0.0				Ĩ.		
Maximum	0.0	0.36	0.0	<u> </u>			<u> </u>		
Average	0	0.18	0						
Count	2	2	2			ep	l Omit i i i	<u> </u>	
Name of Responsible Officia or Authorized Representative		nalty of law that I have p submitted herein and bas	ersonally examined a ed on my inquiry of t	nd am familiar nose	Signat	ure of Responsit Repres	le Official or Authorized sentative	i	Submission Date/Time
Dennis Dubiel	individuals immediat submitted informatio	tely responsible for obtain on is true, accurate and co- for submitting false infor	ning the information, implete. I am aware the	I believe the at there are					2009-04-19

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Ohio EPA - Daily Discharge Monitoring Report - Form 4500

FACILITY:

COUNTY:

DISTRICT:

LOCATION:

48237

American Energy Corp Century Mine 43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716

SEDO

STATUS:

Original

PERMIT NUMBER: STATION CODE: MONITORING PERIOD:

0IL00091*GD

REPORTING LAB:

588 **2009-03-01** To: **2009-03-31**

ANALYST:

NO DISCHARGE INDICATOR: AL

PARAMETER	Sludge Solids, Percent Total	Sludge Volume, Gallons							
PARAMETER CODE	70318	80991	1	<u></u>		<u> </u>			
UNITS	4112	24258389	<u> </u>					ì—	
FREQUENCY	1/Month	1/Month							
SAMPLING TYPE	Grab	Total	ļ	ļ			<u> </u>	<u> </u>	
2009-03-01				<u> </u>					
2009-03-02								<u> </u>	
2009-03-03			<u> </u>						
2009-03-04									
2009-03-05								<u> </u>	
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2009-03-27									
2009-03-28									
2009-03-29									
2009-03-30									
2009-03-31									
Minimum									
Maximum			ļ						
Average Count	·								
Name of Responsible Official	L comito parties and	nolty of law that I have	bersonally examined and	lom for III	Sie	pnature of Responsible	Official or Authorized	<u> </u>	Submission
or Authorized Representative	with the information individuals immediat submitted informatio	submitted herein and ba ely responsible for obtai n is true, accurate and co	seed on my inquiry of the ining the information, I to complete. I am aware that rmation, including the po	ose believe the there are		Represe		•	Date/Time 2009-04-19
	fine and imprisonmen			outliney of			Page 17		

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: FACILITY:

LOCATION:

COUNTY:

DISTRICT:

48237

American Energy Corp Century Mine 43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716 Belmont

SEDO

STATUS:

Original

PERMIT NUMBER:

STATION CODE: MONITORING PERIOD: REPORTING LAB:

OILOOO91*GD

2009-03-01 To: 2009-03-31

PARAMETER CODE UNITS FREQUENCY SAMPLING TYPE 2009-03-01 2009-03-02 2009-03-03	00083 4105 1/Day Estimate	01330 4105 1/Day Estimate	01350 4105 1/Day	50050 4108		00300 4106	00400 6653	Solids 00530 4106
FREQUENCY SAMPLING TYPE 2009-03-01 2009-03-02	1/Day	1/Day				4106	6653	A106
2009-03-01 2009-03-02			1/Day			<u> </u>		
2009-03-01 2009-03-02	Estimate	Estimate	Estimata	1/Day Estima		1 / 2 Weeks	1 / 2 Weeks	1 / 2 Weeks
2009-03-02		I	Estimate	Esuma	te	Grab	Grab	Grab
2009-03-04		<u> </u>						
2009-03-05		<u> </u>	\(\tag{ \tag} \tag{ \tag{ \tag{ \tag{ \tag{ \tag{ \tag{ \tag{ \tag{ \ta					
2009-03-06			1					· · - · · - ·
2009-03-07						<u> </u>		
				L				
2009-03-08		(1					· · · · · · · · · · · · · · · · · · ·
2009-03-09				<u></u>		<u> </u>		
2009-03-10								
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2009-03-12								
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2009-03-28						ì		
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Minimum								
Maximum								
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Name of Responsible Official or Authorized Representative	with the information	submitted herein and ba	personally examined and ased on my inquiry of the	se L	Si	gnature of Responsible Represen	Official or Authorized tative	Submissio Date/Tim
Dennis Dubiel	individuals immediate submitted information	ely responsible for obta n is true, accurate and c or submitting false info	ining the information, I to omplete. I am aware that ormation, including the po	clieve the there are		_	Page 18	2009-04-1

Ohio EPA - Daily Discharge Monitoring Report - Form 4500

FACILITY:

COUNTY: DISTRICT:

LOCATION:

SEDO

48237

American Energy Corp Century Mine 43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716

STATUS:

Original

PERMIT NUMBER:

OILOOO91*GD

STATION CODE: MONITORING PERIOD: REPORTING LAB:

2009-03-01 To: 2009-03-31

PARAMETER CODE UNITS FREQUENCY SAMPLING TYPE 2009-03-01 2009-03-02 2009-03-04 2009-03-05 2009-03-06 2009-03-07 2009-03-08	(NH3) 00610 4106 1/2 Weeks Grab	80082 4106 1 / 2 Weeks Grab					
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Minimum							<u></u>
Maximum							
Average							
Count							
Name of Responsible Official or Authorized Representative	certify under the pen	alty of law that I have	ocrsonally examined and	am familiar	Signature of Responsible		Submission Date/Time
in Dennis Dubiel si	with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. Page 19						

FACILITY: LOCATION: American Energy Corp Century Mine 43521 Mayhugh Hill Rd Twp Hwy 88 Beallsville, OH 43716

PERMIT NUMBER: MONITORING PERIOD: 2009-03-01 To: 2009-03-31

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PARAMETER COMMENTS:

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